



# CMC SENSOR KIT

## *Installation Instructions for CMC Sensor Kit*

*Read Instructions Completely Before  
Beginning Installation Procedures*



Printed on recycled paper

## NOTICE

The information in this publication is subject to change without notice.

COMPAQ COMPUTER CORPORATION SHALL NOT BE LIABLE FOR TECHNICAL OR EDITORIAL ERRORS OR OMISSIONS CONTAINED HEREIN, NOR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE FURNISHING, PERFORMANCE, OR USE OF THIS MATERIAL. THIS INFORMATION IS PROVIDED "AS IS" AND COMPAQ COMPUTER CORPORATION DISCLAIMS ANY WARRANTIES, EXPRESS, IMPLIED OR STATUTORY AND EXPRESSLY DISCLAIMS THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, GOOD TITLE AND AGAINST INFRINGEMENT.

This publication contains information protected by copyright. No part of this publication may be photocopied or reproduced in any form without prior written consent from Compaq Computer Corporation.

© 2001 Compaq Computer Corporation

Compaq, Registered U.S. Patent and Trademark Office.

COMPAQ CMC SENSOR KIT  
INSTALLATION INSTRUCTIONS

First Edition (March 2001)  
Part Number 218259-021  
Compaq Computer Corporation



218259-021

## About This Device

These instructions serve as an outline to assist qualified personnel with the installation of the optional sensors for the Compaq Console Management Controller (CMC).



## Important Safety Information

### Read Before Installing Product

Please refer to the *Important Safety Information* (guide included with the CMC kit) before installing this product.



**WARNING:** There is a risk of personal injury from electrical shock and hazardous energy levels. The installation of options and routine maintenance and service of this product must be performed by individuals who are knowledgeable about the procedures, precautions, and hazards associated with AC power products.

## IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS - This document contains important instructions for additional sensors to be used with the CMC Kit, that should be followed during installation.

## Kit Contents

- Temperature sensor (1)
- Intrusion sensor (2 sets)
- Mechanical shock/vibration sensor (1)
- Humidity sensor (1)
- Mounting hardware
  - ☐ Screws
  - ☐ Humidity sensor mounting bracket
  - ☐ Double sided tape
  - ☐ Tie wraps
  - ☐ Cable management clips
- Package of sensor cables – assorted lengths

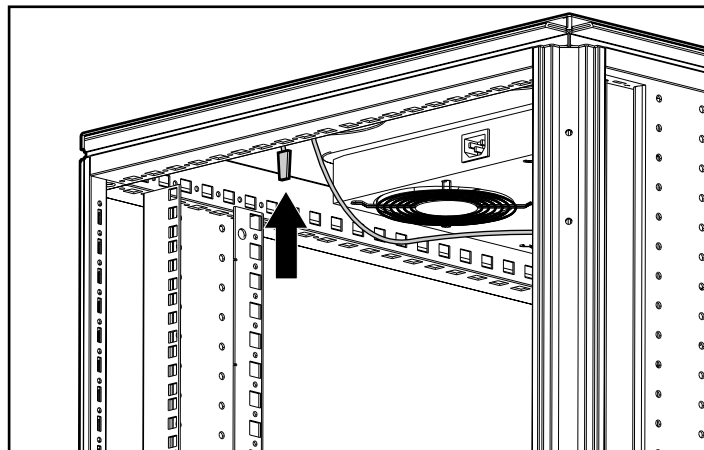
## 1

## Installing the Sensors

The sensor cables can be routed through the rack and then attached to the rack by using the stick-on cable management clips or tie wraps.

### Temperature Sensor

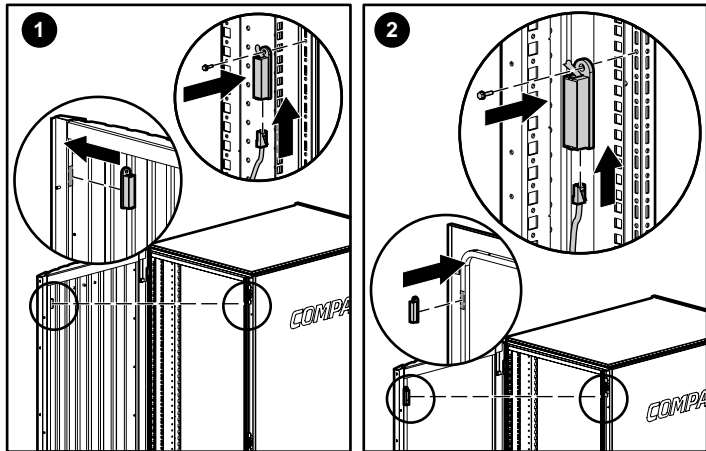
The temperature sensor can be installed on the ceiling of the rack towards the rear, or near the most temperature-sensitive component in the rack.



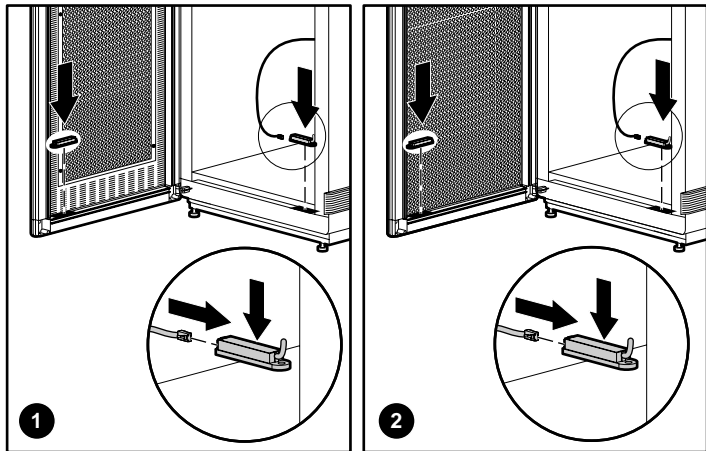
### Intrusion Sensor

An intrusion sensor consists of two parts: a magnet and an electrical switch. The magnet should be installed on the inside of the rack door and the electrical switch on the rack as shown below. Make sure the magnet and switch align; allow sufficient clearance for the doors to close. The intrusion sensors should be installed on the front door ❶ of the rack, as well as the rear door ❷.

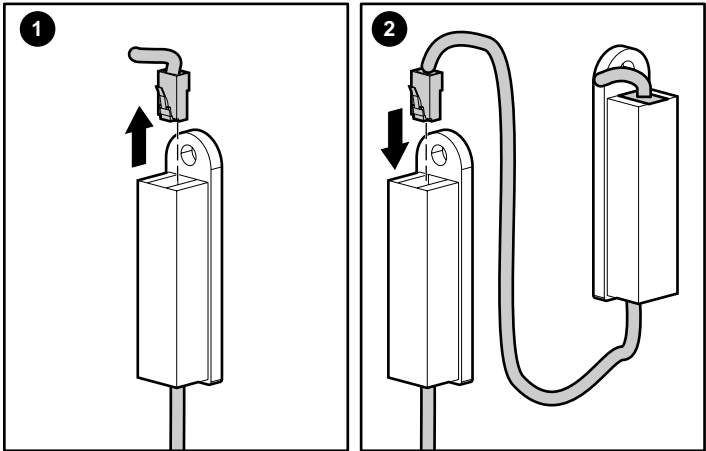
#### 9000 series rack



#### 7000 series rack



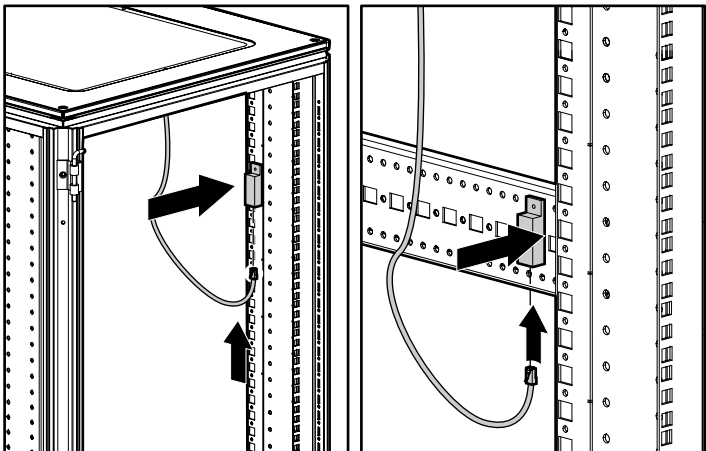
The intrusion sensor is delivered with a terminating plug in the upper connector. The terminating plug must be connected as shown. To daisy-chain multiple intrusion sensors to a single CMC port, the terminating plug ❶ must be removed and the plug from the next intrusion sensor in line ❷ connected in its place.



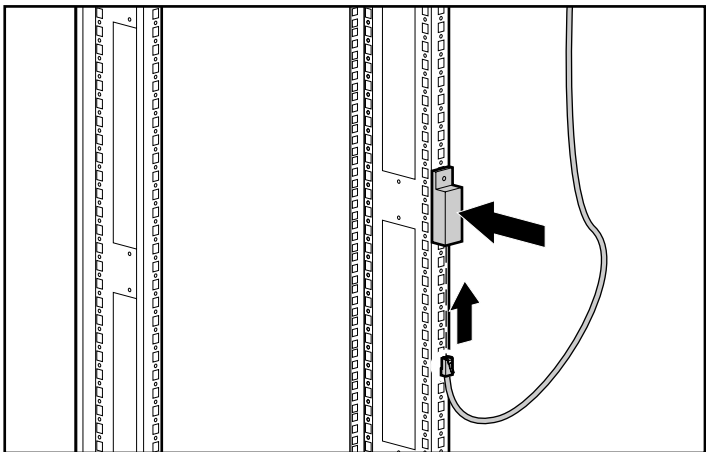
### Mechanical Shock/Vibration Sensor

The mechanical shock/vibration sensor should be installed on the rails of the rack.

#### 9000 series rack



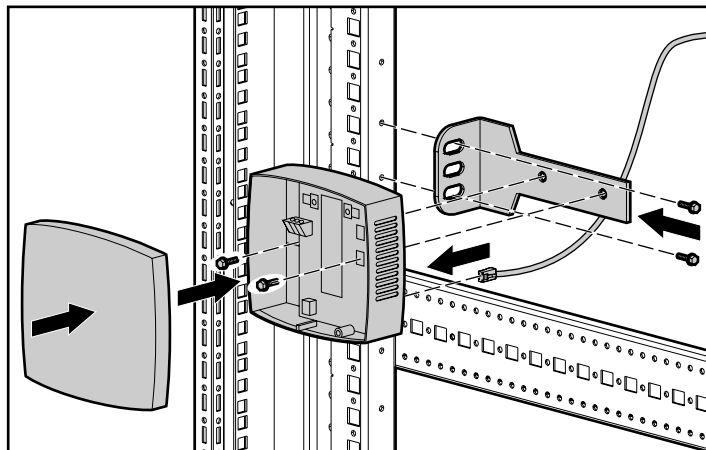
#### 7000 series rack



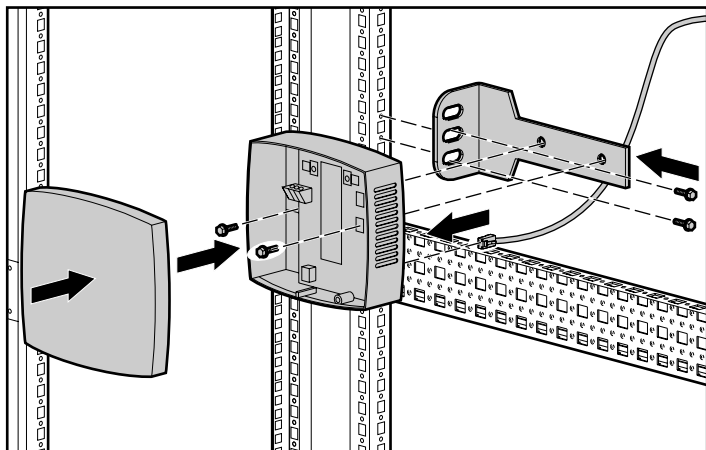
## Humidity Sensor

Install the humidity sensor as shown below.

### 9000 series rack

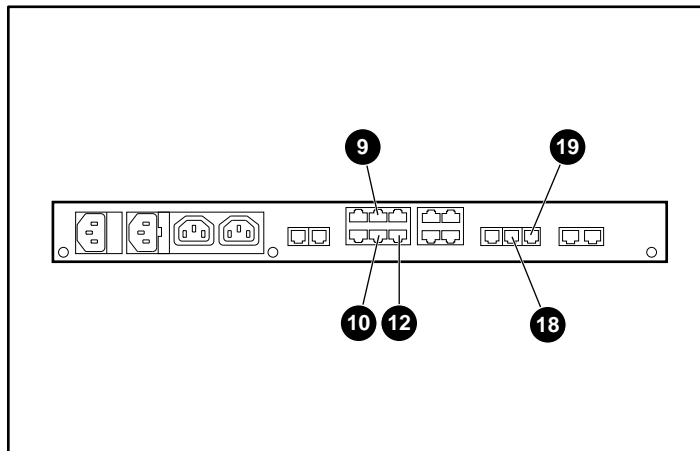


### 7000 series rack



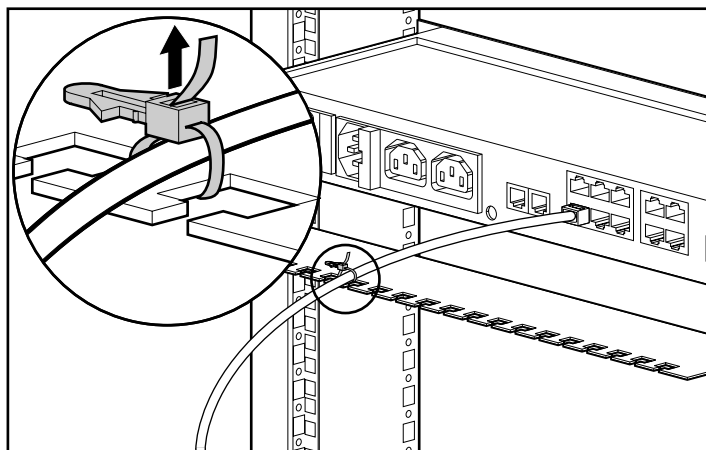
## 2 Connecting Sensors to the CMC

The sensors connect to the rear of the CMC unit as shown below. The optional temperature sensor connects to port 18 and the optional intrusion sensors connect to ports 9 and 10. The mechanical shock/vibration sensor connects to port 12 and the humidity sensor connects to port 19.



### 3 Securing the Cables

Use the tie wraps to secure the cables to the cable retention bracket.



**WARNING:** To reduce the risk of personal injury resulting from electric shock, do not remove the cover from the Console Management Controller. There are no field-serviceable or user-serviceable components.

*Installation is complete.*